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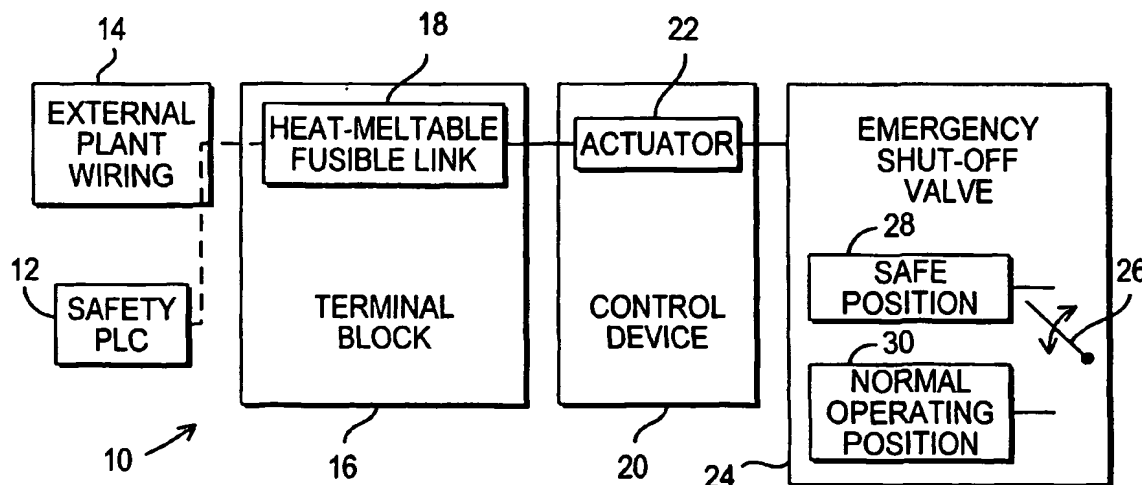
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(54) Title: FIRE SAFETY FUSIBLE LINK ELECTRICAL TERMINAL BLOCK



(57) Abstract: An electrical terminal block (16) has a heat-meltable fusible link (18) establishing a closed electrical circuit between a conductor and an actuator responsive to a control signal transmitted by conductor (42, 44) for controlling the state of an emergency process control device, such as a shut-off valve. The heat-meltable fusible link (18) melts in response to heat exceeding a predetermined temperature to establish an open electrical circuit between the electrical conductor and the actuator thereby causing the actuator to move the emergency process control device to a safe position or state.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/29921

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01H 37/76
US CL : 337/409; 335/18; 307/117

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 337/409; 335/18; 307/117

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,366,462 A (HOLLWECK) 28 December 1982 (28.12.1982), abstract.	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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